

ABSTRACT OF THE DISCLOSURE

A multi-bit phase shifter suitably used for a satellite broadcasting and a satellite communication band includes one or a plurality of phase shifters each having a short stub with an end short and an MEMS (Micro Electro Mechanical System) switch formed at the end of the short stub and controlling an impedance value. A processing cost and an insertion loss can be reduced, a driving voltage can be lowered, a wider bandwidth can be obtained, and uniform phase characteristics can be obtained.